Faunitaxys

Revue de Faunistique, Taxonomie et Systématique
morphologique et moléculaire

Volume 11
Numéro 80

Décembre 2023

ISSN (Print) : 2269 - 6016
ISSN (Online) : 2970 - 4960
Dépôt légal : Décembre 2023

Faunitaxys

Revue de Faunistique, Taxonomie et Systématique
morphologique et moléculaire

ZooBank : https://zoobank.org/79A36B2E-F645-4F9A-AE2B-ED32CE6771CC

Directeur de la publication, rédacteur, conception graphique et PAO:
Lionel Delaunay

Cette revue ne peut pas être vendue
Elle est distribuée par échange aux institutions (version papier)
et sur simple demande aux particuliers (format PDF)
à l'adresse suivante:

AFCFF (Association française de Cartographie de la Faune et de la Flore)
28, rue Voltaire, F- 42100 Saint Etienne
E-mail: faunitaxys.journal@gmail.com

Elle est disponible librement au téléchargement à partir du site:

https://faunitaxys.fr/

La parution de *Faunitaxys* est apériodique

Faunitaxys est indexé dans / ***Faunitaxys*** is indexed in:
- **Zoological Record**

Articles and nomenclatural novelties are referenced by:
- **ZooBank** (https://zoobank.org)

Online Archives:
- **HAL** (https://hal.archives-ouvertes.fr)
- **Internet Archive** (https://archive.org)

Imprimée sur les presses de SPEED COPIE, 6, rue Tréfilerie, F- 42100 Saint-Etienne

Imprimé le 26 12 2023

Faunitaxys, **11**(**80**), 2023 : 1 – 4.
https://doi.org/10.57800/faunitaxys-11(80)

Taxonomical notes on the genus *Cerosterna* Dejean, 1835 with the description of a new species from the Australian realm (Coleoptera, Cerambycidae)

FRANCESCO VITALI

7a, rue Jean-Pierre Huberty, L-1742 Luxembourg, Luxembourg.
- E-mail: vitalfranz@cerambycoidea.com - ZooBank: https://zoobank.org/4E4C673A-6CB6-4935-A5FA-17686C686EF2 - Orcid: https://orcid.org/0000-0003-3052-2910

Keywords:

Coleoptera;
Cerambycidae;
Lamiinae;
Lamiini;
Cerosterna;
taxonomy;
description;
new species;
Sulawesi;
Indonesia;
catalogue.

Abstract. – *Cerosterna* (s. str.) *mirabilis* **n**. **sp**. is described from Sulawesi (Indonesia), extending the distributional area of the genus *Cerosterna* Dejean, 1835 to the Australian realm. *Loxotropoides* Fisher, 1935 (type species: *Loxotropoides brunnea* Fisher, 1935) is removed from the synonymy with *Cerosterna* and considered as a subgenus. *Trichocelosterna* Breuning, 1965 (type species: *Coelosterna rouyeri* Ritsema, 1906) is considered a junior synonym of *Loxotropoides* since both taxa are characterised by erect elytral pubescence. Consequently, *Cerosterna (Loxotropides) rouyeri* (Ritsema, 1906) **n**. **comb**. and *Cerosterna* (*Loxotropoides*) *stolzi* (Ritsema, 1911) **n**. **comb**. are proposed. An annotated updated catalogue of the *Cerosterna* species, including synonyms and distribution, is added.

Vitali F., 2023. – Taxonomical notes on the genus *Cerosterna* Dejean, 1835 with the description of a new species from the Australian realm (Coleoptera, Cerambycidae). *Faunitaxys*, 11(80): 1 – 4.

DOI: https://doi.org/10.57800/faunitaxys-11(80)

ZooBank: https://zoobank.org/781C157D-710A-4407-A754-E939AD5EA044

Received: 09/12/2023 – *Revised*: 21/12/2023 – *Accepted*: 22/12/2023

Introduction

Cerosterna Dejean, 1835 contains twelve species widespread in the Indomalayan realm from Pakistan to Indonesia and the Philippines (Breuning, 1943, 1976). The most western species, *Cerosterna scabrator* (Fabricius, 1781), a pest well-known in India as Babul-root Boring Longicorn (Stebbing, 1914), it is the only species present in the Afrotropical realm, since it has been introduced in the Mascarene (Gomy, 2000; Kariyanna et. al., 2017) and the Reunion Islands (Lesne, 1919; Breuning, 1943, 1957, 1961).

A new species, the first one for the Australian realm, is described. Moreover, the taxonomy of this genus, which Alonso-Zarazaga (2009) definitively clarified, still contains a taxonomic error, which is corrected in this paper.

Examined collections

CFV: Collection Francesco Vitali, Luxembourg (Luxembourg).

Results

Cerosterna (s. str.) *mirabilis* n. sp.

(Fig. 1)

ZooBank: https://zoobank.org/E43C3F3C-D622-43CE-A0C7-F86FFB57997C

Holotype, ♀, Indonesia, Sulawesi Tengah, Palu, Palolo, VI.2022 (author's collection).

Description of the holotype

Body size: 37 mm.

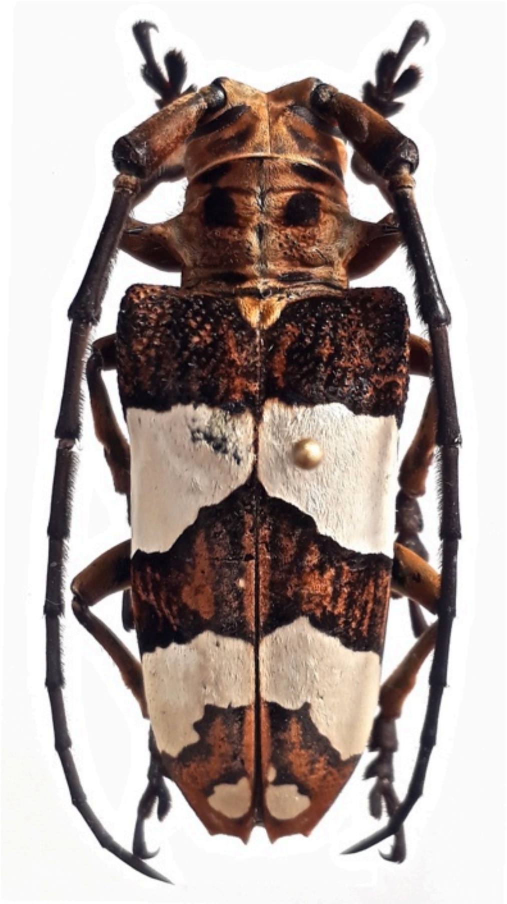

Fig. **1**. *Cerosterna* (s. str.) *mirabilis* **n**. **sp**., holotype.

Reviewers:
Larry G. Bezark (*Sacramento, USA*) - ZooBank: http://zoobank.org/25C35904-2035-4416-9534-8641C1551196 - https://orcid.org/0000-0003-0165-552X
Jean-Philippe Roguet (*France*) - https://zoobank.org/93CC3B4D-BBD0-4155-8DB4-14D66F99D699

This is an open access article under the terms of the Creative Commons Attribution-NonCommercial-NoDerivs License, which permits use and distribution in any medium, provided the original work is properly cited, the use is non-commercial and no modifications or adaptations are made.
Copyright 2023 The Authors. *Faunitaxys* published by Lionel Delaunay on behalf of the AFCFF (Association française de Cartographie de la Faune et de la Flore).

Coloration. – Body dull black, covered with fulvous pubescence and dark brown pubescence forming:

1) Two small transverse spots behind the eyes;
2) Six spots on the pronotum: two large on the disc and two small transverse along the apical and the basal margin;
3) Several longitudinal stripes on the elytra, which do not reach the apex.

Moreover, elytra marked with a cretaceous white pattern forming:

1) A gradually oblique post-basal band, apically produced along the marginal side to reach the elytral half;
2) A post-median band, transverse at the suture and obliquely directed backwards at the marginal side;
3) Two spots located along the suture. Tarsi, apex of the scape and following antennomeres covered with blackish pubescence.

Head. – Finely and sparsely punctate, dull; labrum as long as wide, slightly concave at the distal margin and densely covered with long golden and brown pubescence at sides; clypeus smooth, ochreous; eyes finely faceted, lower lobes at least twice longer than genae; antennal supports strongly elevated, forming an obtuse angle between them; frons and occiput finely furrowed along the middle; some coarse points on the occiput and along the posterior margin of the eyes. Antennae robust, slightly longer than body, surpassing the elytral apex with one article, covered with black setae along the inferior side, extremely dense under antennomeres III-VI, then decreasing in intensity; scape robust, conical, apically transversally truncated, with complete cicatrix; pedicel transverse; antennomere III scarcely but evidently longer than scape and? antennomere IV; following antennomeres decreasing in length.

Pronotum. – Transverse, weakly convex at apex, bisinuate at base, with a strong V-shaped furrow at apex and two transverse furrows at base; each side armed with a long conical spine feebly recurved posteriorly and bearing some long erect setae on both sides; disc uneven, finely furrowed along the middle, with some black granules at both sides of the disc.

Scutellum. – Semi-ellipsoidal, feebly elongate, uniformly covered with recumbent fulvous pubescence, except for a short longitudinal line at the posterior margin.

Elytra. – Elongated (each one less than 4 times as long as wide); feebly tapered posteriorly, truncate at apex and armed with a short conical spine at both apices, dorsally flat; base feebly concave, humeri prominent, both covered with dense, strong, irregular, black granules.

Legs. – Relatively short; femora fusiform; protibiae slightly bisinuate; mesotibiae obliquely furrowed, without median tooth; metatibiae with two short black spurs at apex; claws opposite.

Prosternum. – Arcuate, with an obtuse ridge along the middle; procoxal cavities posteriorly closed; mesosternum armed with a strong obtuse tooth between the mesocoxal cavities; visible urosternite I as long as II and III together; urosternites II-IV progressively shortened; urosternite V twice as long as previous, apically concave; pygidium truncate.

Differential diagnosis. – The body without erect pubescence classifies *Cerosterna mirabilis* **n. sp.** in the nominotypical subgenus. In particular, the cretaceous white pubescence is similar to *Cerosterna pulchellator* (Westwood, 1837) from the Philippines; actually, the most closely related species from a biogeographical point of view. Differences are obvious is in the pattern of elytra (forming white spots in *C. pulchellator*), antennae (ringed with black in *C. pulchellator*) and tarsi (brown in *C. pulchellator*).

Taxonomical notes on the genus *Cerosterna*

The taxonomy of this genus was confused in the past due to different interpretations of availability and validity of Dejean's name and of a known misspelling (*Celosterna* for *Cerosterna*). Sama & Sudre (2009) summarised this puzzled history introducing, however, further errors, which Alonso-Zarazaga (2009) definitively corrected. Briefly, *Cerosterna* has to be attributed to Dejean (1835) and *Celosterna* to Thomson (1860). More recently, Breuning (1965) introduced the subgenus *Trichocelosterna* (type species: *Coelosterna rouyeri* Ritsema, 1906), splitting *de facto* the genus in two sections. As the epithet indicates, *Trichocelosterna* differs from the nominotypical subgenus on the dorsal side of the elytra covered with erect pubescence. Breuning did not publish further worldwide catalogues and *C. rouyeri* remained the only species of this subgenus in most on-line catalogues. Nonetheless, *Cerosterna stolzi* (Ritsema, 1911) shares this peculiar character. This species is the older valid synonym of *Loxotropoides brunnea* Fisher, 1935, in turn the type species of *Loxotropoides* Fisher, 1935.

Consequently, *Loxotropoides* is not a synonym of *Cerosterna* (Breuning, 1943 and subsequent authors) but the valid name for those species characterised by erect pubescence. The following synonymy is proposed: *Loxotropoides* Fisher, 1935 = *Trichocelosterna* Breuning, 1965 **n. syn**.

Updated catalogue of the genus *Cerosterna*

Cerosterna Dejean, 1835

Cerosterna Dejean, 1835: 341. Type species: *Lamia gladiator* Fabricius, 1801 (designated by J. Thomson, 1864).
Celosterna Dejean (Blanchard, 1845: 158), misspelling (teste J. Thomson, 1860: 85)
= *Celosterna* J. Thomson, 1860: 85. Type species: *Lamia gladiator* Fabricius, 1801 (designated by J. Thomson, 1864).
Celosterna J. Thomson (J. Thomson, 1864: 75).
= *Toxosterna* J. Thomson, 1868: 178. Type species: *Lamia spinator* Fabricius, 1798, unjustified replacement name.
= *Coelosterna* Gemminger & Harold, 1873: 3022, unjustified emendation.
= *Falsopriona* Pic, 1925: 3. Type species: *Falsopriona luteopubens* Pic, 1925 (monotypy).
= *Psaromaia* Pascoe, 1866: 289, pl. XIII, Fig. 3. Type species: *Psaromaia tigrina* Pascoe, 1866 (monotypy).
Celosterna Blanchard (Aurivillius, 1921: 110; Breuning, 1943: 196), wrong authority attribution.
Celosterna Dejean (Sama & Sudre, 2009: 386), unjustified authority attribution.

Cerosterna fabricii (J. Thomson, 1865)

Celosterna fabricii J. Thomson, 1865: 552. Typical locality: Madras (India).

Distribution: India? Laos?

Thomson described this species from India, but Breuning (1943) considered this locality as false, quoting a Laotian specimen of the collection Iztinger. Afterwards, Rondon & Breuning (1970) did not publish further specimens. Kariyanna et al. (2017) did not mention Laos in the distribution of this species.

Cerosterna fasciculata (Aurivillius, 1924)

Celosterna fasciculata Aurivillius, 1924: 28. Typical locality: Aur Kumanis (Sumatra).

Distribution: Indonesia (Sumatra).

Cerosterna javana White, 1858

Cerosterna javana White, 1858: 403. Typical locality: Java.
= *Celosterna combusta* J. Thomson, 1865: 552. Typical locality: Java.
= *Psaromaia tigrina* Pascoe, 1866: 289. Typical locality: Java.

Distribution: Indonesia (Sumatra, Java).

Cerosterna luteopubens (Pic, 1925)

Falsopriona luteopubens Pic, 1925: 3. Typical locality: Saigon (Vietnam).

Distribution: India (Assam), Myanmar, Thailand, Laos, Vietnam.

Rondon & Breuning (1970) recorded Laotian specimens as "*Celosterna pollinosa sulphurea*", originating several misidentifications in subsequent publications (Choldumrongkul, 2006; Hoang et al., 2011; Welch et al., 2012; Van Hooijdonk et al., 2013; Thongphak & Khongthawie, 2014; Mara et al., 2022) and even on the international market of insects for sale.

Cerosterna mirabilis **n. sp.**

Distribution: Indonesia (Sulawesi).

Cerosterna perakensis (Breuning, 1976)

Celosterna perakensis Breuning, 1976: 739. Typical locality: Taiping (Malaysia).

Distribution: Malaysia, Borneo.

Cerosterna pollinosa Buquet, 1859

Cerosterna pollinosa Buquet, 1859: 634. Typical locality: Java.
= *Coelosterna sulphurea* Heller, 1907: 54. Typical locality: Tandjong Poera (Sumatra).

Distribution: Borneo, Indonesia (Sumatra, Java).

Records of specimens from continental Asia (Rondon & Breuning, 1970; Choldumrongkul, 2006; Hoang et al., 2011; Thongphak & Khongthawie, 2014) have to be referred to *Cerosterna luteopubens.*

Cerosterna pulchellator (Westwood, 1837)

Lamia pulchellator Westwood 1837: 128. Typical locality: Manila (Philippines).
= *Euoplia argenteo-maculata* Aurivillius, 1887: 196. Typical locality: Manila (Philippines).

Distribution: Philippines.

Hua (2002) recorded this species from Taiwan. The locality is however erroneous since it was excluded in subsequent catalogues (Hua et al., 2009).

Cerosterna ritsemai (Heller, 1907)

Coelosterna ritsemai Heller 1907: 55. Typical locality: Deli (Sumatra).

Distribution: Malaysia, Indonesia (Sumatra).

Cerosterna scabrator (Fabricius, 1781)

Lamia scabrator Fabricius, 1781: 224. Typical locality: Oriental India.
= *Lamia spinator* Fabricius, 1798: 145. Typical locality: Oriental Indies.
= *Lamia gladiator* Fabricius, 1801: 284. Typical locality: Oriental India.
= *Psaromaia renei* Aurivillius, 1922: 112. Typical locality: Kodaikanal Mts. (India)
= *Aristobia murina* Nonfried 1894: 82. Typical locality: East Asia

Distribution: Pakistan, India, Sri Lanka, Nepal; introduced in the Mascarene and Reunion Islands.

Cerosterna variegata (Aurivillius, 1911)

Coelosterna variegata Aurivillius, 1911: 197. Typical locality: Kuching (Sarawak).

Distribution: Borneo.

Subgenus ***Loxotropoides*** Fisher, 1935

Loxotropoides Fisher, 1935: 600. Type species: *Loxotropoides brunnea* Fisher, 1935 (monotypy).
Trichocelosterna Breuning, 1965: 45. Type species: *Coelosterna rouyeri* Ritsema, 1906 (monotypy) **n. syn**.

Cerosterna (***Loxotropoides***) ***rouyeri*** (Ritsema, 1906) **n. comb**.

Coelosterna rouyeri Ritsema, 1906: 137. Typical locality: Pajakombo (Sumatra).

Distribution: Indonesia (Sumatra, Java).

Rondon & Breuning (1970) recorded this species from Laos too. With respect to the known distribution of this species, this locality seems to be erroneus.

Cerosterna (***Loxotropoides***) ***stolzi*** (Ritsema, 1911) **n. comb**.

Celosterna stolzi Ritsema, 1911: 4. Typical locality: Soerian (Sumatra).
= *Loxotropoides brunnea* Fisher, 1935: 601. Typical locality: Klau (Sabah).

Distribution: Borneo, Indonesia (Sumatra, Java).

References

Alonso-Zarazaga M. A., 2009. – A peculiar interpretation of the Code: the case of *Cerosterna* Dejean, 1835 (Col., Cerambycidae). *Bulletin de la Société entomologique de France*, 114 (4): 444.

Aurivillius C., 1887. – Nya Coleoptera Longicornia. II. *Entomologisk Tidskrift*, 8 (4): 191 - 197.

Aurivillius C., 1911. – Neue oder wenig bekannte Coleoptera Longicornia. 12. *Arkiv för Zoologi*, 7 (19): 187 - 228.

Aurivillius C., 1912. – Cerambycidae: Cerambycinae. Coleopterorum Catalogus 39, Schenkling S. ed., Berlin, 574 pp.

Aurivillius C., 1924. – Cerambyciden aus Sumatra gesammelt von Edw. Jacobson bestimmt und beschrieben. *Zoologische Mededeelingen*, 8: 24 - 35.

Blanchard C. E., 1845. – Histoire naturelle des Insectes, leurs mœurs, leurs métamorphoses et leur classification ou traité élémentaire d'entomologie. Tome second. F. Savy, Paris. 524 pp. + Tab. 11 - 20.

Breuning S. von, 1943. – Douzième tribu: Agniini Thomson. *Novitates Entomologicæ*, 3ème supplément, 96: 193 - 200.

Breuning S. von, 1957. – Insectes Coléoptères Cerambycidae Lamiinae. Faune de Madagascar 4, Publications de l'Institut de Recherche Scientifique Tananarive-Tsimbazaza, 401 pp.

Breuning S. von, 1961. – Catalogue des Lamiaires du Monde. Museum G. Frey, Tutzing bei München, 5: 287 - 382.

Breuning S. von, 1965. – Contribution à la connaissance des Lamiens du Laos (Coll. Céramb.) 13ème Partie. *Bulletin de la Société Royale des Sciences Naturelles du Laos*, 14: 31 - 62.

Breuning S. von, 1976. – Quelques nouvelles espèces de Lamiinae du Muséum d'Histoire naturelle de Genève. III. (Coleoptera, Cerambycidae). *Revue Suisse de Zoologie*, 83 (3): 737 - 741.

Buquet J. B. L., 1859. – Mémoire sur deux genres nouveaux de coléoptères de la famille des Longicornes (*Oxilus* et *Sthelenus*), suivi de la description de plusieurs espèces appartenant aux genres *Platyarthron*, *Oeme* (*Sclerocerus* Dej.), *Clytus*, *Apriona*, *Cerosterna* et *Acanthoderus*. *Annales de la Société Entomologique de France*, (3) 7: 619 - 636.

Choldumrongkul S., 2006. – Yagna Stem Borer, *Celosterna pollinosa sulphurea* Heller (Coleoptera:Cerambycidae): density and spatial distribution pattern of oviposition markings. *Kasetsart Journal* (Natural Science). 30: 8 - 12.

Dejean P. F. M. A., 1835. – Catalogue des coléoptères de la collection de M. le comte Dejean. Méquignon-Marvis, Paris, 443 pp.

Fabricius J. C., 1781. – Species insectorum exhibentes eorum differentias specificas, synonyma auctorum, loca natalia, metamorphosin adiectis observationibus, descriptionibus. C. E. Bohn, Hamburg & Köln, 1: VIII + 552 pp.

Fabricius J. C., 1798. – Supplementum entomologiae systematicae. Proft & Storch, København, 572 pp.

Fabricius J. C., 1801. – Systema eleutheratorum secundum ordines, genera, species: adiectis synonymis, locis, observationibus, descriptionibus. Bibliopoli Academici Novi, Kiel, 2: 687 pp.

Gemminger A. & Harold E. V., 1873. – Catalogus Coleopterorum hucusque descriptorum synonimicus et systematicus. 10, G. Beck, Munich: 2989 - 3232.

Gomy Y., 2000. – Nouvelle liste chorologique des Coléoptères de l'Archipel des Mascareignes. Société réunionnaise des Amis du Muséum, Saint-Denis, 140 pp.

Heller K. M., 1907. – Zwei neue Arten der Gattung *Coelosterna* (Coleoptera) aus Sumatra. *Notes from the Leyden Museum*, 29 (1): 54-56.

Hoang V. T., Ta H. T. & Cao T. Q. N., 2011. – Result of the survey on longhorn beetles (Cerambycidae, Coleoptera) along the Ho Chi Minh road through Tay Nguyen highland. Proceeding of the 4th national scientific conference on Ecology and Biological Resources, Agriculture Publishing House, Hanoi: 983-988 (in Vietnamese with English summary).

Hua L. Z., 2002. – List of Chinese Insects 2. Zhongshan (Sun Yat-sen) University Press, Guangzhou, 612 pp.

Hua L.Z., Nara H., Samuelson G. A. & Lingafelter S.W., 2009. – Iconography of Chinese Longicorn Beetles (1406 Species) in Color. Sun Yat-sen University Press, Guangzhou, 474 pp.

Kariyanna B., Mohan M., Rajeev Gupta & Vitali F., 2017. – The checklist of longhorn beetles (Coleoptera: Cerambycidae) from India. *Zootaxa*, 4345 (1): 1-317.

Lesne P., 1919. – Un Longicorne indo-malais nouvellement introduit à La Réunion. Séance du 12 novembre 1919. *Bulletin de la Société Entomologique de France*, 17: 301-302.

Mara D., Bokic B., Verbiest T., Mouchet S. R. & Kolaric B., 2022. – Revealing the wonder of natural photonics by nonlinear optics. *Biomimetics*, 7 (4): 153.

Nonfried A. F., 1894. – Beiträge zur Coleopterenfauna von Ostasien und Polynesien. *Entomologische Nachrichten*, 20 (6): 81-83.

Pascoe F. P., 1866. – Longicornia Malayana; or, a Descriptive Catalogue of the Species of the three Longicorn Families Lamiidæ, Cerambycidæ and Prionidæ collected by Mr. A. R. Wallace in the Malay Archipelago. (Part III). *The Transactions of the Entomological Society of London*, 3 (3) 3: 225-336 + Tabs X-XV.

Pascoe F. P., 1888. – On some new Longicorn Coleoptera. *The Transactions of the Entomological Society of London*, 1888 (4): 491-513 + Tab. XIV.

Pic M., 1925. – Coléoptères exotiques en partie nouveaux (Suite). *L'Échange, Revue Linnéenne*, 41 (419): 3-4.

Rondon J. A. & Breuning S. von, 1970. – Lamiines du Laos. *Pacific Insects Monograph*, 24: 315-571.

Sama G. & Sudre J., 2009. – New nomenclatural acts in Cerambycidae. II. (Coleoptera). *Bulletin de la Société entomologique de France*, 114 (3): 383-388.

Stebbing E. P., 1914. – Indian forest insects of economic importance. Coleoptera. Eyre & Spottiswoode, Ltd, London, 648 pp.

Thomson J., 1860. – Essai d'une classification de la famille des Cérambycides et matériaux pour servir à une monographie de cette famille. Paris, XVI + 128 pp.

Thomson J., 1864. – Systema Cerambycidarum ou exposé de tous les genres compris dans la famille des Cerambycides et familles limitrophes. H. Dessain. Liège, 352 pp.

Thomson J., 1865. – Diagnoses d'espèces nouvelles qui seront décrites dans l'appendix du systema cerambycidarum. *Mémoires de la Société Royale des Sciences de Liège*, 19: 541-578.

Thongphak D. & Khongthawie S., 2014. – A Preliminary Survey of Insect Pests at the Community Forests of Khon Kaen Province, Thailand. JERD – *International Journal of Environmental and Rural Development*, 5 (2): 23-27.

Van Hooijdonk E., Barthou C., Vigneron J. P. & Berthier S., 2013. – Yellow structurally modified fluorescence in the longhorn beetles *Celosterna pollinosa sulfurea* and *Phosphorus virescens* (Cerambycidae). *Journal of Luminescence*, 136: 313-321.

Welch V. L., Van Hooijdonk E., Intrater N. & Vigneron J. P., 2012. – Fluorescence in insects. Proceedings SPIE 8489, The Nature of Light: Light in Nature IV, 8480: 25-39.

Westwood J. O., 1837. – Characters of New Insects from Manilla collected by Mr. Cuming. *Proceedings of the Zoological Society of London*, 59 (5): 127-130.

White A., 1858. – Descriptions of *Monohammus Bowringii*, *Batocera una*, and other Longicorn Coleoptera, apparently as yet unrecorded. *Proceedings of the Zoological Society of London*, 26: 398-413 + Tab. LIII.

Résumé

Vitali F., 2023. – Note taxonomique sur le genre *Cerosterna* Dejean, 1835 avec la description d'une espèce nouvelle de l'écozone australasienne (Coleoptera, Cerambycidae). *Faunitaxys*, 11(80): 1 – 4.

Cerosterna (s. str.) *mirabilis* **n. sp.** est décrit de Célèbes (Indonésie), étendant l'aire de répartition du genre *Cerosterna* Dejean, 1835 jusqu'à l'écozone australasienne. *Loxotropoides* Fisher, 1935 (espèce-type : *Loxotropoides brunnea* Fisher, 1935) est retiré de la synonymie avec *Cerosterna* et considéré comme un sous-genre. *Trichocelosterna* Breuning, 1965 (espèce-type : *Coelosterna rouyeri* Ritsema, 1906) est considérée comme un synonyme plus récent de *Loxotropoides* puisque les deux taxons sont caractérisés par une pubescence élytrale dressée. Par conséquent, *Cerosterna* (*Loxotropides*) *rouyeri* (Ritsema, 1906) **n. comb.** et *Cerosterna* (*Loxotropoides*) *stolzi* (Ritsema, 1911) **n. comb.** sont proposées. Un catalogue commenté et mis à jour des espèces de *Cerosterna*, comprenant les synonymes et leur répartition, est proposé.

Mots-clés. – Coleoptera, Cerambycidae, Lamiinae, Lamiini, *Cerosterna*, taxonomie, espèce nouvelle, description, Célèbes, Indonésie, catalogue.

Derniers articles publiés

Qiu L., 2023. – New and little-known species of *Corymbitodes* from China (Coleoptera: Elateridae: Dendrometrinae). *Faunitaxys*, 11(52) : 1 – 7. https://doi.org/10.57800/faunitaxys-11(52)

Háva J., 2023. – A new *Pseudotriphyllus* Reitter, 1880 species (Coleoptera: Mycetophagidae) from the Azores. *Faunitaxys*, 11(53) : 1 – 2. https://doi.org/10.57800/faunitaxys-11(53)

Badry A., Saleh M., Sarhan M. M. H., Younes M., Lourenço W. R. & Ythier E., 2023. – A new species of *Leiurus* Ehrenberg (Scorpiones: Buthidae) from Sinai, Egypt and comments on its relationships with *L. quinquestriatus* and *L. hebraeus* using morphological and molecular evidence. *Faunitaxys*, 11(54): 1 – 10. https://doi.org/10.57800/faunitaxys-11(54)

Zhao M.-Z. & Pham P.V., 2023. – Two new species of the genus *Anomala* Samouelle from Vietnam and Laos, with a checklist of Vietnamese *Anomala* (Coleoptera: Scarabaeidae: Rutelinae). *Faunitaxys*, 11(55): 1 – 9. https://doi.org/10.57800/faunitaxys-11(55)

Santos-Silva A. & Botero J. P., 2023. – Taxonomic and geographical notes on *Leptostylus* LeConte, 1852 (Coleoptera, Cerambycidae, Lamiinae, Acanthocinini) with the descriptions of two new species. *Faunitaxys*, 11(56): 1 – 9. https://doi.org/10.57800/faunitaxys-11(56)

Lourenço W. R. & Velten J., 2023. – A second species of *Archaeoscorpiops* Lourenço, 2015 from Cretaceous Burmese amber (Scorpiones: Palaeoeuscorpiidae). *Faunitaxys*, 11(57): 1 – 4. https://doi.org/10.57800/faunitaxys-11(57)

Rubio G.D., Stolar C.E., Baigorria J.E.M. & Baptista R.L.C., 2023. – Description of two new species of jumping spider *Colonus* F. O. Pickard-Cambridge, 1901 (Araneae: Salticidae) from Brazil and Argentina. *Faunitaxys*, 11(58): 1 – 10. https://doi.org/10.57800/faunitaxys-11(58)

Santos-Silva A. & Monné M. A., 2023. – A new species and new Brazilian state record in *Lepturges* (*Lepturges*) Bates (Coleoptera, Cerambycidae, Lamiinae). *Faunitaxys*, 11(59): 1 – 4. https://doi.org/10.57800/faunitaxys-11(59)

Háva J. & Coache A., 2023. – A contribution to knowledge of Mycetophagidae (Coleoptera) from Benin. *Faunitaxys*, 11(60): 1 – 4. https://doi.org/10.57800/faunitaxys-11(60)

Ythier E. & Giupponi A. P. L., 2023. – A new whip spider species of the genus *Charinus* Simon, 1892 (Amblypygi: Charinidae) from French Guiana. *Faunitaxys*, 11(61): 1 – 5. https://doi.org/10.57800/faunitaxys-11(61)

Bate R., Sudre J. & Bate M. D., 2023. – Description of two new species, with synonymies and new distribution records, for some species of African *Prosopocera* Blanchard and *Eunidia* Erichson (Coleoptera, Cerambycidae, Lamiinae). *Faunitaxys*, 11(62): 1 – 19. https://doi.org/10.57800/faunitaxys-11(62)

Coache A. & Orbach E., 2023. – Contribution à la connaissance des brentides de l'archipel de Sao Tomé et Principe (Coleoptera, Curculionoidea, Brentidae: Cyphagoginae & Trachelizinae). *Faunitaxys*, 11(63) : 1 – 14. https://doi.org/10.57800/faunitaxys-11(63)

Qiu J. Y., 2023. – Flower beetles of the Asian genus *Dicronocephalus* Hope (Coleoptera: Scarabaeidae: Cetoniinae): The description of a new species from China and intraspecific variations of *D. adamsi*. *Faunitaxys*, 11(64): 1 – 11. https://doi.org/10.57800/faunitaxys-11(64)

Ballerio A. & Coache A., 2023. – A new flightless species of *Melanophilharmostes* from São Tomé (Coleoptera Scarabaeoidea Hybosoridae Ceratocanthinae). *Faunitaxys*, 11(65): 1 – 6. https://doi.org/10.57800/faunitaxys-11(65)

Minkina Ł., Jákl S. & Bezděk A., 2023. – A new *Rhyparus* Westwood, 1845 (Coleoptera: Scarabaeidae: Aphodiinae) species with modified pygidium and last abdominal ventrite in females. *Faunitaxys*, 11(66): 1 – 5. https://doi.org/10.57800/faunitaxys-11(66)

Lanuza-Garay A. & Rivera M., 2023. – Description of a new species of *Sternacutus*, notes on *Pseudosparna iolandae* and *Trichotithonus curvatus*, new records and host plants in Acanthocinini (Coleoptera, Cerambycidae, Lamiinae) from Panama. *Faunitaxys*, 11(67): 1 – 6. https://doi.org/10.57800/faunitaxys-11(67)

Chen Z.-T., 2023. – *Borisnia* **gen. nov**., a new genus of Capniidae (Insecta: Plecoptera) from China. *Faunitaxys*, 11(68): 1 – 5. https://doi.org/10.57800/faunitaxys-11(68)

Ythier E., 2023. – A new species of *Buthus* Leach, 1815 from the Atlantic coast of Morocco (Scorpiones: Buthidae). *Faunitaxys*, 11(69): 1 – 7. https://doi.org/10.57800/faunitaxys-11(69)

Roux P. & Écharoux D., 2023. – Nouveaux *Pheropsophus* Solier 1833 d'Asie (Coleoptera, Caraboidea, Brachinini). *Faunitaxys*, 11(70): 1 – 7. https://doi.org/10.57800/faunitaxys-11(70)

Hennemann F. H., 2023. – A taxonomic review, including new species and new records of Philippine Obrimini stick insects (Insecta: Phasmatodea: Heteropterygidae: Obriminae). *Faunitaxys*, 11(71): 1 – 135. https://doi.org/10.57800/faunitaxys-11(71)

Lacroix M., Coache A. & Filippi G., 2023. – Deuxième contribution à la connaissance des Sericinae de Sao Tomé et Principe (Coleoptera, Scarabaeoidea). *Faunitaxys*, 11(72) : 1 – 11. https://doi.org/10.57800/faunitaxys-11(72)

Keith D., Pham P.V. & Sabatinelli G., 2023. – *Exolontha permirabilis,* a new species from Vietnam with notes on the genus (Col. Scarabaeidae Melolonthinae Melolonthini). *Faunitaxys*, 11(73): 1 – 5. https://doi.org/10.57800/faunitaxys-11(73)

Vives E., 2023. – Especies nuevas o interesantes de longicornios de Filipinas (Pars 24). (Coleoptera, Cerambycidae). *Faunitaxys*, 11(74): 1 – 5. https://doi.org/10.57800/faunitaxys-11(74)

Laguerre M., 2023. – Generic revision of *Hypercompe* Hübner, [1818] and allied genera with descriptions of new genera and new species (Lepidoptera: Erebidae: Arctiinae). *Faunitaxys*, 11(75): 1 – 34. https://doi.org/10.57800/faunitaxys-11(75)

Ythier E. & Lourenço W. R., 2023. – A new species of *Hadruroides* Pocock, 1893 from Peru (Scorpiones: Caraboctonidae). *Faunitaxys*, 11(76): 1 – 7. https://doi.org/10.57800/faunitaxys-11(76)

Lourenço W. R. & Velten J., 2023. – New contribution to the knowledge of Burmite chaerilids and description of a new species (Scorpiones: Chaerilidae). *Faunitaxys*, 11(77): 1 – 4. https://doi.org/10.57800/faunitaxys-11(77)

Lourenço W. R. & Velten J., 2023. – A remarkable new species of *Betaburmesebuthus* Lourenço, 2015 from Burmite (Scorpiones: Palaeoburmesebuthidae). *Faunitaxys*, 11(78): 1 – 5. https://doi.org/10.57800/faunitaxys-11(78)

Dalens P.-H. & Robin F., 2023. – Un nouveau *Martinsia* Chemsak & Linsley, 1967 de Guyane (Coleoptera : Cerambycidae, Cerambycinae). *Faunitaxys*, 11(79): 1 – 5. https://doi.org/10.57800/faunitaxys-11(79)

Faunitaxys

Volume 11, Numéro 80, Décembre 2023

SOMMAIRE

Note taxonomique sur le genre *Cerosterna* Dejean, 1835 avec la description d'une espèce nouvelle de l'écozone australasienne (Coleoptera, Cerambycidae).
Francesco Vitali . . . . 1 – 4

CONTENTS

Taxonomical notes on the genus *Cerosterna* Dejean, 1835 with the description of a new species from the Australian realm (Coleoptera, Cerambycidae).
Francesco Vitali . . . . 1 – 4

Illustration de la couverture :

The Mother Temple of Besakih, or Pura Besakih, in the village of Besakih on the slopes of Mount Agung in eastern Bali, Indonesia, is the most important, the largest and holiest temple of Hindu religion in Bali.

Crédits :

Francesco Vitali : Fig. 1.

© CEphoto, Uwe Aranas : Couverture.

Publié par l'Association Française de Cartographie de la Faune et de la Flore (AFCFF)